

A7

--At least a third program portion 102 causes processor 912 of at least a second application system 902 to provide at least a second business application service to a second plurality of application users 802 and to use at least second database profile 111 to communicate data from second application system 902 to database system 900.--

**REMARKS**

The amendments to the specification are made to clarify the disclosure and to correct typographical or minor errors.

If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

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Dated: December 12, 2001

By: \_\_\_\_\_

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## Appendix

Paragraph beginning at page 1, line 7:

The present invention generally relates to database systems for application systems, and more particularly, relates to methods, computer program products and systems for improving the efficiency of database management in a multi-application system landscape.

Paragraph beginning at page 2, line 15:

The typical landscape of today consists of distributed systems with different software applications and separate servers. Each system requires its own database on its own physical hardware. The reasons for this are hardware and software related. For example, most [shared memory processor] symmetric multiprocessor (SMP) systems were limited to less than 16 processors and less than 4 GB of shared main memory. Operating systems did not offer the feature of creating multiple logical partitions for groups of processors. Databases only allowed for a maximum number of manageable tables (e.g. 10000).

Paragraph beginning at page 4, line 26:

Preferably, application systems and database systems communicate by predefined statements in a predefined database description language. Such languages are well known in the art: an example is [the standard query language] structured query language (SQL).

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Paragraph beginning at page 6, line 5:

A further advantage of the single database architecture of the present invention is the possibility of upgrading an application system without the interruption of running applications of other application systems that use the same data base system [by]. For example, a person of skill in the art can achieve this by replicating the shared program parts of the database software to each database profile.

Paragraph beginning at page 9, line 12:

Memory 920 symbolizes elements that temporarily or permanently store data and instructions. Although memory 920 is conveniently illustrated as part of computer 900, memory function can also be implemented in network 990, in computers 901/902 and in processor 910 itself (e.g., cache, register), or elsewhere. Memory 920 can be a read only memory (ROM), a random access memory (RAM), or a memory with other access options. Memory 920 is physically implemented by computer-readable media, such as, for example: (a) magnetic media, [like] such as, for example, a hard disk, a floppy disk, or other magnetic disk, a tape, a cassette tape; (b) optical media, [like] such as, for example, optical disk (CD-ROM, digital versatile disk - DVD); (c) semiconductor media, [like] such as, for example, DRAM, SRAM, EPROM, EEPROM, memory stick, or by any other media, [like] such as, for example, paper.

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Table (Martix 4) on page 20

Profile	Application system	Assignment
P1	904	P1-1
P2	905	P2-[2] <u>1</u>
P3	906	P3-[3] <u>1</u>
P4	907	P4-[4] <u>1</u>
P5	908	P5-[5] <u>1</u>
P6	909	P6-[6] <u>1</u>

Paragraph beginning at page 9, line 12:

At least a third program portion 10[)] 2 causes processor 912 of at least a second application system 902 to provide at least a second business application service to a second plurality of application users 802 and to use at least second database profile 111 to communicate data from second application system 902 to database system 900.

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